Akash Jagannathan

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Sunnyvale, CA

Technical Skills

Front-End Development
HTML5
CSS3
jQuery
jQuery UI
HTTP Request/Repsonse
Ajax
Responsive Web Development

Languages
Python
JavaScript
Swift 3

Databases
SQL (MySQL, SQLite)
NoSQL (MongoDB)
Mongoose.js

Servers
Flask
Node.js

Frameworks
Django
Express/Socket.io
Angular
Core Data (iOS)
Core Location (iOS)
Twitter Bootstrap

Version Control
Git
Github

JS/jQuery Libraries
Highcharts
tablesorter
fancy input
Arctext.js
Complexify.js

Methodology
OOP
MVC/MTV
RESTful Architecture

Front End Web Developer

Talented, fresh web developer looking to make significant and meaningful contributions in the tech field. Over 1450 hours of experience developing a strong working knowledge of ubiquitous programming languages, methodologies, and frameworks. Strongly self-motivated and a highly persistent work ethic with a positive attitude. Proven ability to pick up new concepts and technologies quickly.

Education

Coding Dojo, *January – April 2017*
Full Stack Web Development Program, Triple Black Belt
Completed an intensive 14 week, full-time web development program, including the introduction, implementation, and iteration of various web projects over 3 full stacks.   Earned a triple black belt which is the highest recognition given to the top students.

University of California, San Diego, *September 2010 – June 2015*
Bachelor of Science in Cognitive Science with Honors
Upper Division Major GPA: 3.93   Total GPA: 3.52

Experience

Etkin Lab, Stanford School of Medicine *July 2015 – September 2016*
Volunteer Research Assistant
Tested and debugged complex source code (brain-wave artifact rejection algorithm) in MATLAB for a top Stanford psychiatry lab. Introduced to the Python programming language and the Unix shell. Provided timely assistance in human research experiments targeting new treatments for mental disorders in veterans.

Projects*

User Dashboard (akashj.pythonanywhere.com) Web app allowing users to login/register, manage other users, post messages and comments on each other's walls (similar to Facebook), and edit their personal information. Includes full-fledged login/registration functionality including back-end validations. Utilizes knowledge of MTV architecture and password encryption.
Tech – Python, Django, SQLite, Twitter Bootstrap, jQuery, JavaScript, HTML5, CSS3

Pac-Man (ajag408.github.io/pacman) A simple rendition of the popular game Pac-Man. Highlights include the face of Pac-Man/Pac-Woman changing direction based on which way they are moving, a pseudo-randomly moving ghost, and cherries worth extra points.
Tech – HTML5, CSS3, JavaScript

1942 (ajag408.github.io/1942project) A game designed entirely using HTML, CSS, and JavaScript. Features include the ability to move the hero, collision detection, and an explosion sound when the bullet hits the target.
Tech – HTML5, CSS3, JavaScript

*projects not mobile friendly